

# Andrzej Zbrzezny

## List of Publications by Year in descending order

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42  
papers

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citations

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all docs

45  
docs citations

45  
times ranked

55  
citing authors

#	ARTICLE	IF	CITATIONS
1	BDD-versus SAT-based bounded model checking for the existential fragment of linear temporal logic with knowledge: algorithms and their performance. Autonomous Agents and Multi-Agent Systems, 2014, 28, 558-604.	2.1	26
2	Towards Bounded Model Checking for the Universal Fragment of TCTL. Lecture Notes in Computer Science, 2002, , 265-288.	1.3	19
3	âšseries: A Tool for Verifying Timed Automata and Estelle Specifications. Lecture Notes in Computer Science, 2003, , 278-283.	1.3	18
4	PlanICS - a Web Service Composition Toolset. Fundamenta Informaticae, 2011, 112, 47-71.	0.4	12
5	A New Translation from ECTL* to SAT. Fundamenta Informaticae, 2012, 120, 375-395.	0.4	9
6	Towards SAT-based BMC for LTLK over Interleaved Interpreted Systems. Fundamenta Informaticae, 2012, 119, 373-392.	0.4	8
7	SAT-Based (Parametric) Reachability for a Class of Distributed Time Petri Nets. Lecture Notes in Computer Science, 2010, , 72-97.	1.3	8
8	Checking EMTLK Properties of Timed Interpreted Systems Via Bounded Model Checking. Studia Logica, 2016, 104, 641-678.	0.6	7
9	SAT-Based Bounded Model Checking for Weighted Interpreted Systems and Weighted Linear Temporal Logic. Lecture Notes in Computer Science, 2013, , 355-371.	1.3	7
10	SAT and SMT-Based Verification of Security Protocols Including Time Aspects. Sensors, 2021, 21, 3055.	3.8	6
11	Parametric Model Checking with VerICS. Lecture Notes in Computer Science, 2010, , 98-120.	1.3	6
12	A Translator of Java Programs to TADDs. Fundamenta Informaticae, 2009, 93, 305-324.	0.4	5
13	Checking MTL Properties of Discrete Timed Automata via Bounded Model Checking. Fundamenta Informaticae, 2014, 135, 553-568.	0.4	4
14	Efficient Model Checking Timed and Weighted Interpreted Systems Using SMT and SAT Solvers. Smart Innovation, Systems and Technologies, 2016, , 45-55.	0.6	4
15	SMT-based Searching for k-quasi-optimal Runs in Weighted Timed Automata*. Fundamenta Informaticae, 2017, 152, 411-433.	0.4	4
16	Dialogue Systems: Modeling and Prediction of their Dynamics. Advances in Intelligent Systems and Computing, 2016, , 421-431.	0.6	4
17	Checking ACTL *âšProperties of Discrete Timed Automata via Bounded Model Checking. Lecture Notes in Computer Science, 2004, , 18-33.	1.3	4
18	SAT-Based Verification of Security Protocols Via Translation to Networks of Automata. Lecture Notes in Computer Science, 2007, , 146-165.	1.3	4

#	ARTICLE	IF	CITATIONS
19	SMT-Based Bounded Model Checking for Weighted Epistemic ECTL. Lecture Notes in Computer Science, 2015, , 651-657.	1.3	3
20	Bounded Model Checking for Weighted Interpreted Systems and for Flat Weighted Epistemic Computation Tree Logic. Lecture Notes in Computer Science, 2014, , 107-115.	1.3	3
21	A Novel Description Language for Two-Agent Dialogue Games. Lecture Notes in Computer Science, 2017, , 466-486.	1.3	3
22	Using Integer Time Steps for Checking Branching Time Properties of Time Petri Nets. Lecture Notes in Computer Science, 2013, , 89-105.	1.3	3
23	Two Approaches to Bounded Model Checking for Linear Time Logic with Knowledge. Lecture Notes in Computer Science, 2012, , 514-523.	1.3	3
24	A Translation of the Existential Model Checking Problem from MITL to HLTL. Fundamenta Informaticae, 2013, 122, 401-420.	0.4	2
25	Checking WECTLK Properties of Timed Real-Weighted Interpreted Systems via SMT-Based Bounded Model Checking. Lecture Notes in Computer Science, 2015, , 638-650.	1.3	2
26	Verifying Real-Time Properties of Multi-agent Systems via SMT-Based Bounded Model Checking. Lecture Notes in Computer Science, 2016, , 149-167.	1.3	2
27	Towards Verification of Dialogue Protocols: A Mathematical Model. Lecture Notes in Computer Science, 2016, , 329-339.	1.3	2
28	SAT-Based Bounded Model Checking for RTECTL and Simply-Timed Systems. Lecture Notes in Computer Science, 2013, , 337-349.	1.3	2
29	SAT-Based Bounded Model Checking for Deontic Interleaved Interpreted Systems. Lecture Notes in Computer Science, 2012, , 494-503.	1.3	2
30	The hilbert type axiomatization of some three-valued propositional logic. Zeitschrift Für Mathematische Logik Und Grundlagen Der Mathematik, 1990, 36, 415-421.	0.2	1
31	Checking WELTLK Properties of Weighted Interpreted Systems via SMT-Based Bounded Model Checking. Lecture Notes in Computer Science, 2015, , 660-669.	1.3	1
32	Two Approaches to Bounded Model Checking for a Soft Real-Time Epistemic Computation Tree Logic. Advances in Intelligent Systems and Computing, 2013, , 483-491.	0.6	1
33	Checking RTECTL properties of STSs via SMT-based Bounded Model Checking. International Journal of Interactive Multimedia and Artificial Intelligence, 2015, 3, 28.	1.3	1
34	Simple SMT-Based Bounded Model Checking for Timed Interpreted Systems. Lecture Notes in Computer Science, 2017, , 487-504.	1.3	1
35	A Formal Model of an Argumentative Dialogue in the Management of Emotions. Logic and Logical Philosophy, 0, , .	0.3	1
36	Checking RTECTL Properties of STSs via SMT-Based Bounded Model Checking. Advances in Intelligent Systems and Computing, 2015, , 55-62.	0.6	0

#	ARTICLE	IF	CITATIONS
37	SAT-Based BMC Approach to Verifying Real-Time Properties of Multi-Agent Systems. , 2018, , .		0
38	Modelling the Affective Power of Locutions in a Persuasive Dialogue Game. Lecture Notes in Computer Science, 2018, , 557-569.	1.3	0
39	Towards Encoding of the Transition Relation in Dialogue Games Model Checking. Fundamenta Informaticae, 2019, 165, 345-361.	0.4	0
40	Rozum jest wolny. Etyka, 0, 36, 236-242.	0.0	0
41	Bounded Model Checking Real-Time Multi-agent Systems with Clock Differences: Theory and Implementation. Lecture Notes in Computer Science, 2007, , 95-112.	1.3	0
42	SMT-Based Encoding of Argumentation Dialogue Games. Lecture Notes in Computer Science, 2019, , 564-574.	1.3	0